## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2002-056381

(43) Date of publication of application: 20.02.2002

(51)Int.CI.

G06T 1/00 G06T 7/60 G08B 21/00 G08B 25/00 5/225 HO4N H04N 7/18 // G08G 1/01

(21)Application number: 2000-243778

(71)Applicant : FUJITSU LTD

(22)Date of filing:

11.08.2000

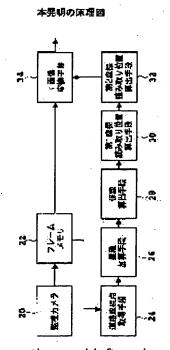
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## (54) ROAD STATE IMAGE PROCESSING DEVICE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a road state image processing device capable of making the aspect ratio of a vehicle constant and simultaneously displaying a plurality of road monitoring images.

SOLUTION: This processing device comprises a frame memory arranged in the periphery of a road to store a road monitoring image taken by a monitoring camera for photographing the road state; a road coordinate point gaining means located on each input line Yi of frame memories to gain a left end coordinate point Xil and a right end coordinate point Xir in the frame memories of the road left end and right end; a cumulative adding means for determining the cumulative added value of (Xir-Xil) for the input line Yi; a first coordinate reading position calculating means for calculating the input line Yu of the road state image corresponding to an output line Yo; a second coordinate reading position calculating means for calculating the road left end and right end on the input line Yj every output line Yo; and an image



converting means for converting the road monitoring image between the road left end and right end on the input line Yj to an output image with a width W on the output line Yo.

## **LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection

Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

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